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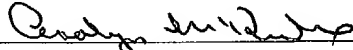
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PATENT  
Docket No. 514292000100

**CERTIFICATE OF MAILING BY "FIRST CLASS MAIL"**

I hereby certify that this correspondence is being deposited with the United States Postal Service as first class mail in an envelope addressed to:  
Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450, on May 19, 2003.

  
Carolyn McKubre

**IN THE UNITED STATES PATENT AND TRADEMARK OFFICE**

**RECEIVED**

**MAY 22 2003**

**Technology Center 2100**

In the application of:

Timothy M. ASKINS et al.

Serial No.: 09/496,563

Filing Date: February 02, 2000

For: MULTI-THREADED FRAME SAFE  
SYNCHRONIZATION OF A  
SIMULATION

Examiner: D. Craig

Group Art Unit: 2123

**SUPPLEMENTAL INFORMATION DISCLOSURE  
STATEMENT UNDER 37 C.F.R. § 1.97 AND § 1.98**

Commissioner for Patents  
P.O. Box 1450  
Alexandria, VA 22313-1450

Dear Sir:

Pursuant to 37 C.F.R. § 1.97 and § 1.98, Applicants submit for consideration in the above-identified application the documents listed on the attached Form PTO-1449. Copies of the documents are also submitted herewith. The Examiner is requested to make these documents of record.

05/22/2003 HASFAW1 00000127 031952 09496563  
01 FC:1806 180.00 CH

This Supplemental Information Disclosure Statement is submitted:

- ☐ Within three months of the application filing date or before mailing of a first Office Action on the merits; accordingly, no fee or separate requirements are required.
- ☒ After receipt of a first Office Action on the merits but before mailing of a final Office Action or Notice of Allowance.
  - ☐ A fee is required. A check in the amount of is enclosed.
  - ☒ A fee is required. Accordingly, a Fee Transmittal form (PTO/SB/17) is attached to this submission in duplicate.
  - ☐ A Certification under 37 C.F.R. § 1.97(e) is provided below; accordingly, no fee is believed to be due.
- ☐ After mailing of a final Office Action or Notice of Allowance, but before payment of the issue fee.
  - ☐ A Certification under 37 C.F.R. § 1.97(e) is provided below and a check in the amount of is enclosed.
  - ☐ A Certification under 37 C.F.R. § 1.97(e) is provided below and a Fee Transmittal form (PTO/SB/17) is attached to this submission in duplicate.

Applicants would appreciate the Examiner initialing and returning the Form PTO-1449, indicating that the information has been considered and made of record herein.

The information contained in this Supplemental Information Disclosure Statement under 37 C.F.R. § 1.97 and § 1.98 is not to be construed as a representation that: (i) a complete search has been made; (ii) additional information material to the examination of this application does not exist; (iii) the information, protocols, results and the like reported by third parties are accurate or enabling; or (iv) the above information constitutes prior art to the subject invention.

In the unlikely event that the transmittal letter is separated from this document and the Patent Office determines that an extension and/or other relief is required, Applicants petition for

any required relief including extensions of time and authorize the Assistant Commissioner to charge the cost of such petitions and/or other fees due in connection with the filing of this document to **Deposit Account No. 03-1952** referencing 514292000100. However, the Assistant Commissioner is not authorized to charge the cost of the issue fee to the Deposit Account.

Dated: May 19, 2003

Respectfully submitted,



By: \_\_\_\_\_

Alan S. Hodes  
Registration No. 38,185

Morrison & Foerster LLP  
755 Page Mill Road  
Palo Alto, California 94304-1018  
Telephone: (650) 813-5622  
Facsimile: (650) 494-0792

Form PTO-1449

Docket Number 514292000100

Application Number 09/496,563

INFORMATION DISCLOSURE CITATION  
IN AN APPLICATION

(Use several sheets if necessary)

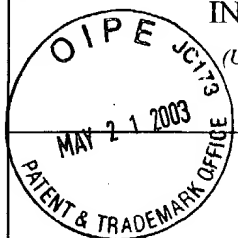
Applicant

Timothy M. ASKINS et al.

Filing Date February 2, 2000

Group Art Unit 2123

Mailing Date May 19, 2003



## U.S. PATENT DOCUMENTS

Examiner Initials	Ref. No.	Date	Document No.	Name	Class	Subclass	Filing Date If Appropriate
DME	1.	02/25/1997	5,606,365	Maurinus et al.			
	2.	01/20/1998	5,710,894	Maulsby et al.			
	3.	07/27/1999	5,930,154	Thalhammer-Reyero			
	4.	09/07/1999	5,949,551	Miller et al.			
	5.	07/11/2000	6,088,739	Pugh et al.			
	6.	10/09/2001	6,300,936	Braun et al.			
	7.	07/16/2002	6,421,823	Heikes			

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MAY 22 2003

Technology Center 2100

## FOREIGN PATENT DOCUMENTS

Examiner Initials	Ref. No.	Date	Document No.	Country	Class	Subclass	Translation YES NO

## OTHER DOCUMENTS

(including author, title, Date, Pertinent Pages, Etc.)

Examiner Initials	Ref. No.	Title
DME	8.	Comfort, J. C. (December 1991). "Environmental Partitioned Distributed Simulation of Queuing Systems," Proceedings of the Winter Simulation Conference, December 8-11, pp. 584-592.
	9.	Hiller, J.B. and Hartum, T. C. (June 1997). "Conservative Synchronization in Object-Oriented Parallel Battlefield Discrete Event Simulations," Proceedings of the 11th Workshop on Parallel and Distributed Simulation, June 10-13 1997, pp. 12-19.
	10.	Kabata, Y. et al. (October 1999). "An Interactive Modeling Method for Dynamic Natural Objects," 1999 International Conference on Systems, Man, and Cybernetics, October 12-15, 1999, Tokyo, Japan, Volume IV, pp. 212-217.
DME	11.	Pawlikowski, K. (June 1990). "Steady-State Simulation of Queueing Processes: Survey of Problems and Solutions," ACM Computing Surveys 22(2):123-170.

EXAMINER:

Dwain Craig

DATE CONSIDERED:

7-17-03

EXAMINER: Initial if citation considered, whether or not the citation conforms with MPEP 609. Draw a line through the citation if not in conformance and not considered. Include a copy of this form with next communication to applicant.



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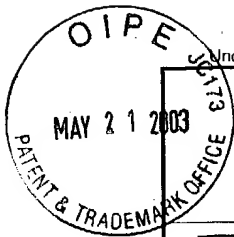
# 14 2123

<b>TRANSMITTAL FORM</b>  (to be used for all correspondence after initial filing)		Application Number	09/496,563
		Filing Date	February 2, 2000
		First Named Inventor	Timothy M. ASKINS
		Group Art Unit	2123
		Examiner Name	D. Craig
Total Number of Pages in This Submission	8 + 11 Refs	Attorney Docket Number	514292000100

ENCLOSURES (check all that apply)		
<input checked="" type="checkbox"/> Fee Transmittal Form + duplicate for fee processing (2 pages) <input type="checkbox"/> Fee Attached <input type="checkbox"/> Amendment/Reply <input type="checkbox"/> After Final <input type="checkbox"/> Affidavits/declaration(s) <input type="checkbox"/> Extension of Time Request <input type="checkbox"/> Express Abandonment Request <input checked="" type="checkbox"/> Information Disclosure Statement, Supplemental (3 pages) <input type="checkbox"/> Certified Copy of Priority Document(s) <input type="checkbox"/> Response to Missing Parts/Incomplete Application <input type="checkbox"/> Response to Missing Parts under 37 CFR 1.52 or 1.53	<input type="checkbox"/> Assignment Papers (for an Application) <input type="checkbox"/> Drawing(s) <input type="checkbox"/> Licensing-related Papers <input type="checkbox"/> Petition <input type="checkbox"/> Petition to Convert to a Provisional Application <input type="checkbox"/> Power of Attorney, Revocation Change of Correspondence Address <input type="checkbox"/> Terminal Disclaimer <input type="checkbox"/> Request for Refund <input type="checkbox"/> CD, Number of CD(s) _____	<input type="checkbox"/> After Allowance Communication to Group <input type="checkbox"/> Appeal Communication to Board of Appeals and Interferences <input type="checkbox"/> Appeal Communication to Group (Appeal Notice, Brief, Reply Brief) <input type="checkbox"/> Proprietary Information <input type="checkbox"/> Status Letter <input checked="" type="checkbox"/> Other Enclosure(s) (please identify below) 1. Form PTO-1449 + copy (2 pages) 2. Eleven (11) References 3. Return Postcard
Remarks		<b>RECEIVED</b>  MAY 22 2003  Technology Center 2100

SIGNATURE OF APPLICANT, ATTORNEY, OR AGENT	
Firm or Individual Name	MORRISON & FOERSTER LLP Alan S. Hodes 38,185
Signature	
Date	May 19, 2003

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Dated: 5/19/03	Signature: Carolyn G. McKubre (Carolyn G. McKubre)



# FEE TRANSMITTAL for FY 2003

Patent fees are subject to annual revision.

☒ Applicant claims small entity status. See 37 CFR 1.27

TOTAL AMOUNT OF PAYMENT (\$) 180.00

## Complete if Known

Application Number 09/496,563  
Filing Date February 2, 2000  
First Named Inventor Timothy M. ASKINS  
Examiner Name D. Craig  
Group Art Unit 2123  
Attorney Docket No. 514292000100

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## METHOD OF PAYMENT (check all that apply)

☐ Check ☐ Credit Card ☐ Money Order ☐ Other ☐ None

☒ Deposit Account

Deposit Account Number 03-1952

Deposit Account Name Morrison & Foerster LLP

The Commissioner is hereby authorized to: (check all that apply)

☒ Charge fee(s) indicated below ☒ Credit any overpayments

☒ Charge any additional fee(s) during the pendency of this application

☐ Charge fee(s) indicated below, except for the filing fee to the above-identified deposit account.

## FEE CALCULATION

### 1. BASIC FILING FEE

Large Entity	Small Entity	Fee Code	Fee (\$)	Fee Code	Fee (\$)	Fee Description	Fee Paid
		1001	750	2001	375	Utility filing fee	
		1002	330	2002	165	Design filing fee	
		1003	520	2003	260	Plant filing fee	
		1004	750	2004	375	Reissue filing fee	
		1005	160	2005	80	Provisional filing fee	
SUBTOTAL (1) (\$)							0.00

### 2. EXTRA CLAIM FEES FOR UTILITY AND REISSUE

	Total Claims	Independent Claims	Multiple Dependent	Extra Claims	Fee from below	Fee Paid
	14	2		0	9	0.00
				0	42	0.00
					140	0.00

Large Entity	Small Entity	Fee Code	Fee (\$)	Fee Code	Fee (\$)	Fee Description
		1202	18	2202	9	Claims in excess of 20
		1201	84	2201	42	Independent claims in excess of 3
		1203	280	2203	140	Multiple dependent claim, if not paid
		1204	84	2204	42	** Reissue independent claims over original patent
		1205	18	2205	9	** Reissue claims in excess of 20 and over original patent

SUBTOTAL (2) (\$)

\*\*or number previously paid, if greater; For Reissues, see above

## FEE CALCULATION (continued)

### 3. ADDITIONAL FEES

Large Entity	Small Entity	Fee Code	Fee (\$)	Fee Code	Fee (\$)	Fee Description	Fee Paid
1051	130	2051	65			Surcharge - late filing fee or oath	
1052	50	2052	25			Surcharge - late provisional filing fee or cover sheet	
1053	130	1053	130			Non-English specification	
1812	2,520	1812	2,520			For filing a request for ex parte reexamination	
1804	920*	1804	920*			Requesting publication of SIR prior to Examiner action	
1805	1,840*	1805	1,840*			Requesting publication of SIR after Examiner action	
1251	110	2251	55			Extension for reply within first month	
1252	410	2252	205			Extension for reply within second month	
1253	930	2253	465			Extension for reply within third month	
1254	1,450	2254	725			Extension for reply within fourth month	
1255	1,970	2255	985			Extension for reply within fifth month	
1401	320	2401	160			Notice of Appeal	
1402	320	2402	160			Filing a brief in support of an appeal	
1403	280	2403	140			Request for oral hearing	
1451	1,510	1451	1,510			Petition to institute a public use proceeding	
1452	110	2452	55			Petition to revive - unavoidable	
1453	1,300	2453	650			Petition to revive - unintentional	
1501	1,300	2501	650			Utility issue fee (or reissue)	
1502	470	2502	235			Design issue fee	
1503	630	2503	315			Plant issue fee	
1460	130	1460	130			Petitions to the Commissioner	
1807	50	1807	50			Processing fee under 37 CFR 1.17(q)	
1806	180	1806	180			Submission of Information Disclosure Stmt	180.00
8021	40	8021	40			Recording each patent assignment per property (times number of properties)	
1809	750	2809	375			Filing a submission after final rejection (37 CFR 1.129(a))	
1810	750	2810	375			For each additional invention to be examined (37CFR 1.129(b))	
1801	750	2801	375			Request for Continued Examination (RCE)	
1802	900	1802	900			Request for expedited examination of a design application	

Other fee (specify)

\*Reduced by Basic Filing Fee Paid

SUBTOTAL (3) (\$)

## SUBMITTED BY

Name (Print/Type) Alan S. Hodas

Registration No. (Attorney/Agent) 38,185

## Complete (if applicable)

Telephone (650) 813-5622

Signature

Date May 19, 2003